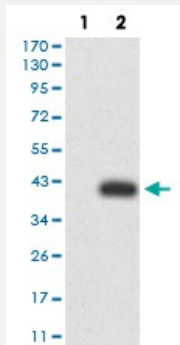


DAB2 monoclonal antibody, clone 2H7C4

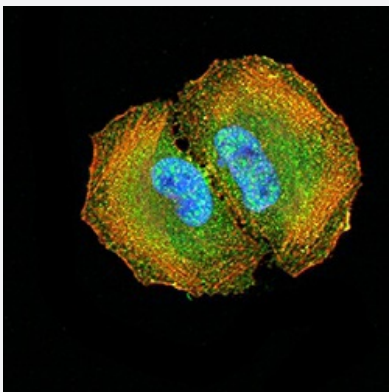
Catalog # MAB17269 Size 100 ug

Applications



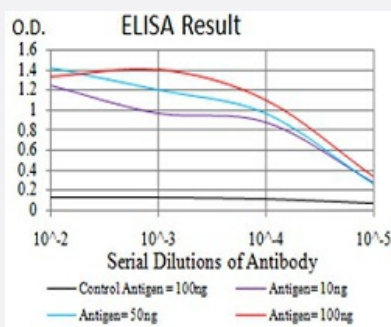
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) DAB2-hlgGfc transfected HEK293 cell lysate.



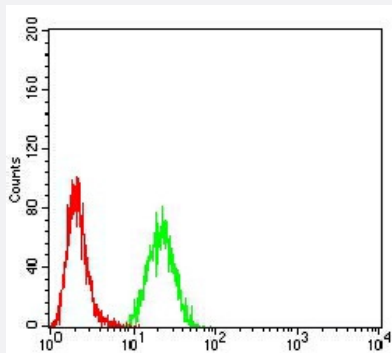
Immunocytochemistry

Immunocytochemical staining of HeLa cells with DAB2 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DAB2 monoclonal antibody, clone 2H7C4.



Flow Cytometry

Flow cytometric analysis of HeLa cells with DAB2 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human DAB2.
Immunogen	Recombinant protein corresponding to amino acid 652-749 of human DAB2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	82.4kDa
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) DAB2-hlgGFc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with DAB2 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of DAB2 monoclonal antibody, clone 2H7C4.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with DAB2 monoclonal antibody (green) and negative control (red).

Gene Info — DAB2

Entrez GeneID [1601](#)

Gene Name DAB2

Gene Alias DOC-2, DOC2, FLJ26626

Gene Description disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)

Omim ID [601236](#)

Gene Ontology [Hyperlink](#)

Gene Summary DAB2 mRNA is expressed in normal ovarian epithelial cells but is down-regulated or absent from ovarian carcinoma cell lines. The 770-amino acid predicted protein has an overall 83% identity with the mouse p96 protein, a putative mitogen-responsive phosphoprotein; homology is strongest in the amino-terminal end of the protein in a region corresponding to the phosphotyrosine interaction domain. The down-regulation of DAB2 may play an important role in ovarian carcinogenesis. This gene was initially named DOC2 (for Differentially expressed in Ovarian Cancer) and is distinct from the DOC2A and DOC2B genes (for double C2-like domains, alpha and beta). [provided by RefSeq]

Other Designations disabled homolog 2|mitogen-responsive phosphoprotein

Pathway

- [Endocytosis](#)

Disease

- [Alzheimer disease](#)
- [Birth Weight](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neuroblastoma](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)